

What is claim d is:

1. A cellular phone comprising:

a plurality of wireless communication units used
5 for operating in a plurality of communication modes,
respectively;

a memory unit storing a history data which
indicates history of used communication modes; and

a control unit controlling said plurality of
10 wireless communication units and said memory unit,
wherein said control unit selects one
communication mode from said plurality of
communication modes based on said history data.

15 2. The cellular phone according to claim 1, wherein
said control unit selects a most frequently used
communication mode as said one communication mode.

3. The cellular phone according to claim 1, wherein
20 said control unit selects a second communication mode
as said one communication mode when a first
communication mode is unavailable, said second
communication mode being used frequently next to said
first communication mode.

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4. The cellular phone according to claim 1, wherein
said control unit selects said one communication mode

when power of said cellular phone is turned on.

5. The cellular phone according to claim 2, wherein said control unit selects said one communication mode
5 when power of said cellular phone is turned on.

6. The cellular phone according to claim 3, wherein said control unit selects said second communication mode when said cellular phone moves out of service
10 area of a communication system associated with said first communication mode.

7. The cellular phone according to claim 1, wherein said history data indicates said used communication
15 modes in order of use.

8. The cellular phone according to claim 1, wherein said history data relates each of said used communication modes with number of use.

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9. The cellular phone according to claim 2, wherein said history data relates each of said used communication modes with number of use.

25 10. The cellular phone according to claim 3, wherein said history data relates each of said used communication modes with number of use.

11. The cellular phone according to claim 1, wherein said history data relates each of said used communication modes with rate of use.

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12. A communication method by using a cellular phone supporting a plurality of communication modes, comprising:

(a) storing a history data indicating history of used communication modes in a memory; and

(b) selecting one communication mode from said plurality of communication modes based on said history data.

13. The communication method according to claim 12 further comprising (c) updating said history data after establishing a communication with said one communication mode.

14. The communication method according to claim 12, wherein said (b) selecting includes (b-1) selecting a most frequently used communication mode as said one communication mode.

15. The communication method according to claim 12, wherein said (b) selecting includes (b-2) selecting a second communication mode as said one communication

mode when a first communication mode is unavailable, said second communication mode being used frequently next to said first communication mode.

5 16. The communication method according to claim 14, wherein said (b) selecting further includes (b-2) selecting a second communication mode as said one communication mode when a first communication mode is unavailable, said second communication mode being used
10 frequently next to said first communication mode.

17. A computer program product which is embodied on a computer-readable medium of a cellular phone supporting a plurality of communication modes, and
15 comprises code that, when executed, causes a computer to perform:

(a) storing a history data indicating history of used communication modes in a memory; and

(b) selecting one communication mode from said
20 plurality of communication modes based on said history data.

18. The computer program product according to claim 17 further comprising code that, when executed, causes
25 a computer to perform (c) updating said history data after establishing a communication with said one communication mode.

19. The computer program product according to claim
17, wherein said (b) selecting includes (b-1)
selecting a most frequently used communication mode as
5 said one communication mode.

20. The computer program product according to claim
12, wherein said (b) selecting includes (b-2)
selecting a second communication mode as said one
10 communication mode when a first communication mode is
unavailable, said second communication mode being used
frequently next to said first communication mode.